

Title (en)  
MANUFACTURING METHOD OF AN ELECTRICAL INSULATION SYSTEM OF A CONDUCTOR IN A WINDING HEAD OF AN ELECTRIC MACHINE

Title (de)  
HERSTELLUNGSVERFAHREN EINES ELEKTRISCHEN ISOLATIONSSYSTEMS EINES LEITERS IN EINEM WICKELKOPF EINER ELEKTRISCHEN MASCHINE

Title (fr)  
PROCÉDÉ DE FABRICATION D'UN SYSTÈME D'ISOLATION ÉLECTRIQUE D'UN CONDUCTEUR DANS LE CHIGNON D'UNE MASCHINE ÉLECTRIQUE

Publication  
**EP 2689514 A2 20140129 (DE)**

Application  
**EP 12720128 A 20120424**

Priority  
• DE 102011075425 A 20110506  
• EP 2012057482 W 20120424

Abstract (en)  
[origin: WO2012152580A2] A method for producing an electrical insulation system for an electric machine comprises the following steps: applying a porous main insulation paper to a conductor (3) of the electric machine; applying a porous overhang corona shielding paper to the main insulation paper, as a result of which an insulation blank of the insulation system is formed; impregnating the insulation blank with a base resin, wherein the overhang corona shielding paper and the main insulation paper have a porosity such that the insulation blank is impregnated by the base resin to form a homogeneous base resin matrix; completing the insulation system.

IPC 8 full level  
**H02K 3/40** (2006.01); **H02K 15/10** (2006.01)

CPC (source: EP US)  
**H01B 13/0891** (2013.01 - US); **H02K 3/40** (2013.01 - EP US); **H02K 15/105** (2013.01 - EP US)

Citation (search report)  
See references of WO 2012152580A2

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**DE 102011075425 A1 20121108**; CN 103765731 A 20140430; EP 2689514 A2 20140129; US 2014083592 A1 20140327; WO 2012152580 A2 20121115; WO 2012152580 A3 20130912

DOCDB simple family (application)  
**DE 102011075425 A 20110506**; CN 201280022066 A 20120424; EP 12720128 A 20120424; EP 2012057482 W 20120424; US 201214115346 A 20120424